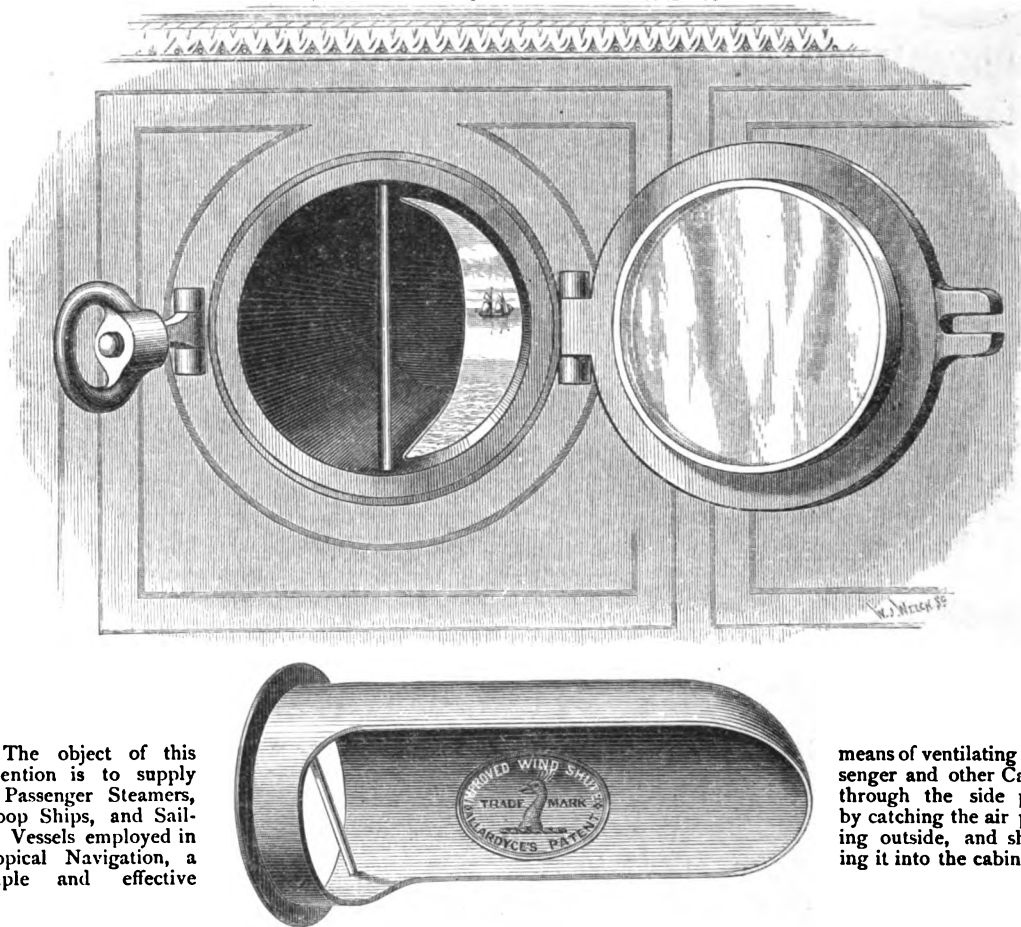


## NEW AND IMPROVED METHOD OF VENTILATING SHIPS.

## ALLARDYCE'S IMPROVED PATENT WIND SHUTE

(BY ROYAL LETTERS PATENT),

FOR VENTILATING THE CABINS AND BETWEEN DECKS OF STEAMERS AND SAILING VESSELS THROUGH THE SIDE PORTS AND SCUTTLES.



The object of this invention is to supply to Passenger Steamers, Troop Ships, and Sailing Vessels employed in Tropical Navigation, a simple and effective

means of ventilating Passenger and other Cabins through the side port, by catching the air passing outside, and shooting it into the cabin.

This Improved Wind Shute will supply them with a cheap and effective means of thoroughly ventilating the cabins, while the vessel is in motion or lying at anchor head to wind, as ships always lie, except in a tideway.

Being constructed of metal, and in the shape of a half circle to fit the port, it will turn either way. A shifting bar is fixed for the purpose of reducing the amount of surface exposed to the wind in proportion to the force of the same. They are made of either brass, zinc, or galvanized iron, and in proportion to the size of the scuttle. It can be placed so as to direct the current of air to almost any part of the cabin.

In wet weather the Wind Shute may be turned against the wind, and thus act as a screen, allowing the scuttle to be open and prevent the rain from coming in, and in bright weather it may be also used as a sunshade.

A regular painted Shute (the same colour as the vessel's side) at every port scuttle will not interfere with the appearance of the vessel's outside.

Being painted white on the inside will also be the means of reflecting an additional amount of light into the cabin. Specially applicable to vessels in the Red Sea, the Mediterranean, Indian and China trade, West India, and other Tropical parts, where it will be found most useful and effective.

*For Testimonials and further Particulars, apply to the Manufacturers,*

**JOHN H. WILSON AND CO.,**

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